



Application No. 0395-241

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	:	Customer Number: 20277
Tsuneo NAKAHARA	:	Confirmation Number: 2944
Serial No.: 10/730,052	:	Group Art Unit: 2874
Filed: December 09, 2003	:	Examiner:
For: OPTICAL WAVEGUIDE INCORPORATING SUBMEDIA	:	

INFORMATION DISCLOSURE STATEMENT

Mail Stop IDS
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

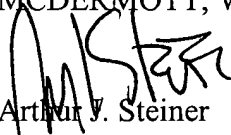
This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

Serial No.: 10/730,052

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,


MCDERMOTT, WILL & EMERY



Arthur J. Steiner

Registration No. 26,106

600 13th Street, N.W.
Washington, DC 20005-3096
(202) 756-8000 AJS:gav
Facsimile: (202) 756-8087
Date: March 24, 2004

INFORMATION DISCLOSURE CITATION IN AN APPLICATION  (PTO-1449)				ATTY. DOCKET NO. 50395-241		SERIAL NO. 10/730,052	
				APPLICANT Tsuneo NAKAHARA			
				FILING DATE December 09, 2003		GROUP 2874	
U.S. PATENT DOCUMENTS							
AMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		US 4,319,905	03/16/1982	Macedo et al.			
		US 4,313,748	02/02/1982	Macedo et al.			
		US 4,312,774	01/26/1982	Macedo et al.			
		US 4,302,231	11/24/1981	Macedo et al.			
		US 4,299,608	11/10/1981	Macedo et al.			
		US 4,244,721	01/13/1981	Gupta et al.			
		US 4,236,930	01/02/1980	Macedo et al.			
		US 4,224,177	09/23/1980	Macedo et al.			
		US 4,220,682	09/02/1980	Macedo et al.			
		US 4,188,198	02/12/1980	Macedo et al.			
		US 4,183,620	01/15/1980	Macedo et al.			
		US 4,181,403	01/01/1980	Macedo et al.			
		US 4,110,096	08/29/1978	Macedo et al.			
		US 4,110,093	08/29/1978	Macedo et al.			
		US 3,938,974	02/17/1976	Macedo et al.			
		US 5,802,236	09/01/1998	DiGiovanni et al.			
		US 6,571,045 B2	05/27/2003	Hasegawa et al.			
FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes -Number 4 -Kind Codes (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation	
						Yes	No
		JP 2001-201648 A	07/27/2001	SUMITOMO ELECTRIC IN LTD		JAPAN (w/English Abstract)	
		JP 2001-272569	10/05/2001				
		JP 2000-35521 A	02/02/2000	NIPPON TELEGR & TELEPH CORP <NTT>		JAPAN (w/English Abstract)	
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
		SUGI, M., et al. "O-Guide and X-Guide: An Advanced Surface Wave Transmission Concept." IRE Transactions on Microwave Theory and Techniques, pp.5					
		KATAYAMA, M., et al, " "Optical Materials, Fabrication, and Characterization: CWF31: X-ray written optical waveguides in germanosilicate glasses." CLEO '98, Conference on Lasers and Electro-Optics, May 3-8, 1998, CWF31, pp.3 Total					
		Chemical Society of Japan, Autumnal Convention, September 20-23, 2001, 2P5A-09 (Prior Art cited in the specification and English Translation thereof)					
		1995 Autumn The Japan Society of Applied Physics Annual meeting, August 26-29, 1995, 16p-P13-5 published on August 26, 1995, and English Translation thereof.					
		Optics Japan 1998, September 18-19, 1998, 18p1A01 published on September 18, 1998 by JST					
EXAMINER				DATE CONSIDERED			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.